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January 16, 2012

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: December 2011 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions take in December 2011 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **December 14** – Anchor QEA completed the monthly visual monitoring of the pilot cap area.
- **December 16** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **December 28** – Anchor QEA submitted responses to EPA's comments on the Gasco Engineering Evaluation/Cost Analysis (EE/CA) Technical Briefing provided to EPA on October 19, 2011.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A. The field sampling results obtained during completion of the EPA-approved *Final Project AIR and Data Gaps QAPP* and subsequent EPA-approved addendum will be reported in the *Draft EE/CA and Data Report*.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the January monthly progress report.
- Completion of monthly visual monitoring of the pilot cap area.
- Development of the *Draft EE/CA and Data Report*.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Tom McCue, Siltronic Corporation

Alan Gladstone and Hanne Eastwood, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, Camp Dresser McKee

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date December 14, 2011 **Project Number:** 000029-02 BG-28 Task 4a

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 5)—December 2011

Time Observations Started: December 14, 2011 @ 15:00 **Time Observation Concluded:** December 14, 2011 @ 16:00

Weather Conditions: Overcast, low 40° Fahrenheit, calm to winds from the west.

Wave Action Observations: Light wave action (0.0 – 0.2 feet in height)

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 12/14/2011 ranged in elevation from 2.30 to 5.13 feet. The Willamette River level during photos was approximately 2.42 feet measured at 15:30 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. Four organoclay mat material segments are exposed and visible. One section of organoclay mat is 20 feet in length and is visible at the upriver extent of the cap area (Photo 1). Near the midpoint of the cap area shoreline, two segments 4-foot and 2-foot in width are exposed approximately 8 feet from the water's edge. A 30-foot section of mat material is exposed near the downriver extent of the cap.

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the Fuel and Marine Marketing (FAMM) containment boom was placed across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall. Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview of the site shoreline is shown in Photo 2.

Other Comments: No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by: **Douglas Laffoon**

Photo 1—*exposed section of organoclay mat, perpendicular to the shoreline near the upriver extent of cap area (12/14/11):*



Photo 2 — *FAMM oil boom shown and mariner warning buoys in place across pilot cap area. (12/14/11):*



Photo 3 — *Conditions immediately downriver of cap area (12/14/11):*

